(12) UK Patent Application (19) GB (11) 2 331 058 (13) A

(43) Date of Printing by UK Office 12.05.1999

(21) Application No 9902425.9

(22) Date of Filing 15.08.1997

(30) Priority Data
(31) 96172093 (32) 16.08.1996 (33) GB

(86) International Application Data
PCT/GB97/02204 En 15.08.1997

(87) International Publication Data
WO98/07616 En 26.02.1998

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(51) INT CL[6]
B63B 21/50 9/04 35/44

(52) UK CL (Edition Q)
B7V VFA
B7A AMB

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PATENT ABSTRACTS OF JAPAN Vol.7, no 89(m-207), 13 April 1983 & JP 58 012881 A (MITSUBISHI JUKOGYO KK)

(58) Field of Search by ISA
INT CL[6] B63B

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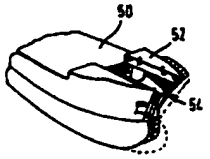
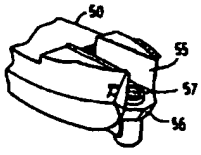
(54) Abstract Title
Vessel turret systems

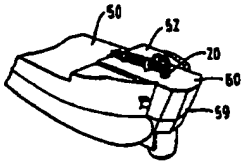
(57) A turret system is installed on an existing vessel (50) such as an oil tanker. A portion of the existing structure, such as the centre splice, is removed (B) to leave an opening (54). A support structure (55) is attached (C) within the opening (54). The support structure includes (D) a turret support means (56). The turret structure (57) is assembled (E) within the turret support means (56). Fluid piping is installed between the turret structure (57) and the pipework of the vessel, including a manifold structure (58) and a fluid swivel (20). The turret assembly is cladded (G, H) for environmental protection. In one arrangement, the turret system is within the profile of the original vessel. In another arrangement (not shown), the turret system is external to the profile of the original vessel.

(B)



(E)





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